



Attorney Docket No.: YOR920030040US1

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Applicant(s): Widmer  
Docket No.: YOR920030040US1  
Serial No.: 10/666,285  
Patent No.: 6,911,921 B2  
Issue Date: June 28, 2005  
Group: 2819  
Examiner: Howard Williams

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Signature: M. J. Lamm Date: August 11, 2005

Title: 5B/6B-T, 3B/4B-T and Partitioned 8B/10B-T and 10B/12B Transmission Codes, and Their Implementation for High Operating Rates

TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Certificate  
AUG 19 2005  
of Correction

Attn: Certificate of Corrections Branch

Sir:

Submitted herewith are the following documents relating to the above-identified patent:

1. Request for Certificate of Correction Under 37 CFR §1.322(a); and
2. Certificate of Correction

There is no additional fee due in conjunction with this Certificate of Correction. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **IBM Deposit Account No. 50-0510** as required to correct the error. A duplicate copy of this letter is enclosed.

Respectfully submitted,

Paul J. Otterstedt

Date: August 11, 2005

Paul J. Otterstedt  
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Reg. No. 37,411  
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AUG 22 2005



Attorney Docket No.: YOR920030040US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Applicant(s): Widmer  
Docket No.: YOR920030040US1  
Serial No.: 10/666,285  
Patent No.: 6,911,921  
Issue Date: June 28, 2005  
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Signature: *M. J. Lam* Date: August 11, 2005

Title: 5B/6B-T, 3B/4B-T and Partitioned 8B/10B-T and 10B/12B Transmission Codes, and Their Implementation for High Operating Rates

REQUEST FOR CERTIFICATE OF CORRECTION OF  
PATENT FOR PTO MISTAKE(S) UNDER 37 CFR §1.322(a)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attn: Certificate of Corrections Branch

Sir:

In accordance with 37 CFR §1.322, the patentee for the above-identified patent hereby requests the issuance of a Certificate of Correction with respect to errors in the above-identified patent.

The errors are set forth on the proposed Certificate of Correction (PTO-1050) submitted herewith, in duplicate.

There is no additional fee due in conjunction with this Certificate of Correction. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **IBM Deposit Account No. 50-0510** as required to correct the error. A duplicate copy of this letter is enclosed.

Respectfully submitted,

*Paul J. Otterstedt*

Date: August 11, 2005

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,911,921 62

DATED : June 28, 2005

INVENTOR(S) : Widmer

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the specification, column 1, line 23, before "transmission" and after "partitioned" replace "8B/00B" with -- 8B/10B --.

In the specification, column 5, line 22, replace "D16            0\* 0 0 0 0" with -- D16            0\* 0 0 0 1 --.

In the specification, column 6, line 47, replace "S1 = PDFS6 • C • D • E' • (A ≠ D)" with -- S1 = PDFS6 • C • D • E' • (A ≠ B) --.

In the specification, column 6, line 59, replace "S2 = NDFS6 • A' • C' • D' • (8 ≠ E)" with - S2 = NDFS6 • A' • C' • D' • (B ≠ E) --.

In the specification, column 7, line 20, replace  
"f = F' + G • H • S1 + G • H • S2 + G • H • K • E" with --  
f' = F' + G • H • S1 + G • H • S2 + G • H • K • E --.

MAILING ADDRESS OF SENDER:

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PATENT NO. 6,911,921

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,911,921 *B2*  
DATED : June 28, 2005  
INVENTOR(S) : Widmer

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the specification, column 7, lines 22-23, replace

“ $f = F' + G \cdot H \cdot C \cdot D \cdot E' \cdot (A \neq B) \cdot PDFS6 + G \cdot H \neq A' \cdot C' \cdot D' \cdot (B \neq E) \cdot NDFS6 +$ ”  
 $G \cdot H \cdot K \cdot E$

with:

“ $f' = F' + G \cdot H \cdot C \cdot D \cdot E' \cdot (A \neq B) \cdot PDFS6 + G \cdot H \cdot A' \cdot C' \cdot D' \cdot (B \neq E) \cdot NDFS6 +$ ”  
 $G \cdot H \cdot K \cdot E$

In the specification, column 9, line 20, replace

“ $PDRS6 = E' \cdot (A \neq B) \cdot (C \neq D) + A' \cdot (B \neq C) \cdot (D \neq E) + B' \cdot C' \cdot E \cdot (A \neq D) + E \neq K$ ”

with:

“ $PDRS6 = E' \cdot (A \neq B) \cdot (C \neq D) + A' \cdot (B \neq C) \cdot (D \neq E) + B' \cdot C' \cdot E \cdot (A \neq D) + E \cdot K$ ”

In the specification, column 9, line 32, replace “D/K30      0 1 1 1” with

“D/K30      0 1 1 1 1”

In the specification, column 9, line 34, after “The vectors D7 and D/K23 can be identified by” replace “ $A \cdot B \cdot C \cdot D \cdot$ ” with “ $A \cdot B \cdot C \cdot D'$ ”

In the specification, column 9, line 40, replace “MDRS6 =” with “NDRS6 =”

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,911,921 **B2**

DATED : June 28, 2005

INVENTOR(S) : Widmer

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the specification, column 10, line 42, replace " $WB6 = A \infty \bullet B' \bullet D' \bullet E'$ ." with  
--  $WB6 = A' \bullet B' \bullet D' \bullet E'$ . --.

In the specification, column 14, line 40, replace "D/K230" with -- D/K23 --.

In the specification, column 14, line 41, replace "D/K270" with -- D/K27 --.

In the specification, column 15, line 13, replace  
" $n5 = a' \bullet b \bullet e' \bullet i \bullet (c \neq d) + a' \bullet b' \bullet c \neq i \neq (d \neq e)$ " with  
--  $n5 = a' \bullet b \bullet e' \bullet i \bullet (c \neq d) + a' \bullet b' \bullet c \bullet i \bullet (d \neq e)$  --.

In the specification, column 15, line 25, replace " $CMPLe = CMPL5 + a' \bullet b \bullet c' \bullet d' \bullet e \neq i$ "  
with --  $CMPLe = CMPL5 + a' \bullet b \bullet c' \bullet d' \bullet e \bullet i$  --.

In the specification, column 15, line 47, before "used" and after "are" delete -- use --.

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,911,921 B2

DATED : June 28, 2005

INVENTOR(S) : Widmer

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the specification, column 17, line 67, replace " $n19 = a' \bullet b' \bullet c' \bullet d \bullet (e\infty + i')$ " with  
--  $n19 = a' \bullet b' \bullet c' \bullet d \bullet (e' + i')$  --.

In the specification, column 19, line 39, replace  
" $CMPLg = (c' \bullet d' \bullet e' \bullet i') \bullet (f \neq g) \bullet (h \neq j) \neq (f \bullet h)' + g' \bullet h \bullet j + g \bullet h' \bullet j + (f \neq j) \bullet g' \bullet$ "  
with:  
--  $CMPLg = (c' \bullet d' \bullet e' \bullet i') \bullet (f \neq g) \bullet (h \neq j) \bullet (f \bullet h)' + g' \bullet h \bullet j + g \bullet h' \bullet j + (f \neq j) \bullet g' \bullet$  --.

In the specification, column 20, line 67, after "Where" replace  
" $P22 = (a \neq b) \bullet (e \neq d) + (a = b) \bullet (c = d) \bullet (b \neq c)$ " with  
--  $P22 = (a \neq b) \bullet (c \neq d) + (a = b) \bullet (c = d) \bullet (b \neq c)$  --.

In the specification, column 21, line 60, replace  
" $PDFBY=PDUBY\_LAST+PDFBY\_LAST \bullet NDUBY\_LAST$ " with  
--  $PDFBY=PDUBY\_LAST+PDFBY\_LAST \bullet NDUBY\_LAST'$  --.

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,911,921 *B2*

DATED : June 28, 2005

INVENTOR(S) : Widmer

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the specification, column 22, line 30, replace

“PDFBY0=PDUBY3\_\_LAST+PDFBY3\_\_LAST•NDUBY3\_\_LAST” with  
-- PDFBY0=PDUBY3\_\_LAST+PDFBY3\_\_LAST•NDUBY3\_\_LAST' --.

In the specification, column 22, line 31, replace

“NDFBY0=NDUBY3\_\_LAST+NDFBY3\_\_LAST•PDUBY3\_\_LAST” with  
-- NDFBY0=NDUBY3\_\_LAST+NDFBY3\_\_LAST•PDUBY3\_\_LAST' --.

In the specification, column 23, line 10, replace “PNDFBYL=PDFBY1” with

-- PNDFBY1=PDFBY1' --.

In the specification, column 25, line 48, replace

“ $i = C' \cdot D' \cdot E' \cdot (K \cdot A) + A' \cdot B' \cdot C' \cdot D' + A' \cdot B' \cdot E' \cdot (C \neq D) + A \neq B \cdot C \cdot D$ ”

with:

--  $i = C' \cdot D' \cdot E' \cdot (K \cdot A) + A' \cdot B' \cdot C' \cdot D' + A' \cdot B' \cdot E' \cdot (C \neq D) + A \cdot B \cdot C \cdot D$  --.

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,911,921 *B2*

DATED : June 28, 2005

INVENTOR(S) : Widmer

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In claim 3, line 4, before "wherein" delete -- and --.

In claim 14, line 1, before "operative" and after "claim 13" replace "farther" with -- further --.

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